

You can rely on

POTTERTON

User Guide and Important Warranty Information

**Promax
FSB 30 HE**

**Floor Standing
Fanned Flue
Condensing Boiler**



ON

Please keep these instructions in a safe place.
If you move house, please hand them over to the next occupier

Natural Gas

Potterton Promax FSB 30 HE

G.C.N° 41 595 39

© Baxi Heating UK Ltd 2008 All rights reserved. No part of this publication may be reproduced or transmitted in any form or by any means, or stored in any retrieval system of any nature (including in any database), in each case whether electronic, mechanical, recording or otherwise, without the prior written permission of the copyright owner, except for permitted fair dealing under Copyrights, Designs and Patents Act 1988.

Applications for the copyright owner's permission to reproduce or make other use of any part of this publication should be made, giving details of the proposed use, to the following address:

The Company Secretary, Baxi Heating UK Ltd, The Wyvern Business Park, Stanier Way, Derby, DE21 6BF.

Full acknowledgement of author and source must be given.

WARNING: Any person who does any unauthorised act in relation to a copyright work may be liable to criminal prosecution and civil claims for damages.



Baxi Heating UK Ltd is a
BS-EN ISO 9001 Accredited Company

This product has an energy rating (A) on a scale of A to G.
For more information see www.boilers.org.uk. This is a certification mark.

"Potterton" supports



The code of practice for the installation,
commissioning & servicing of central
heating systems.

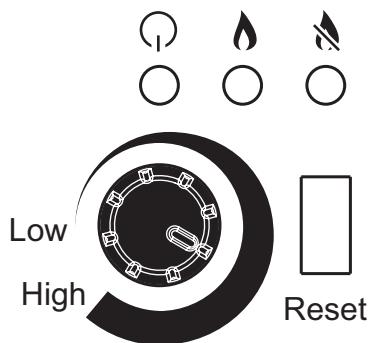
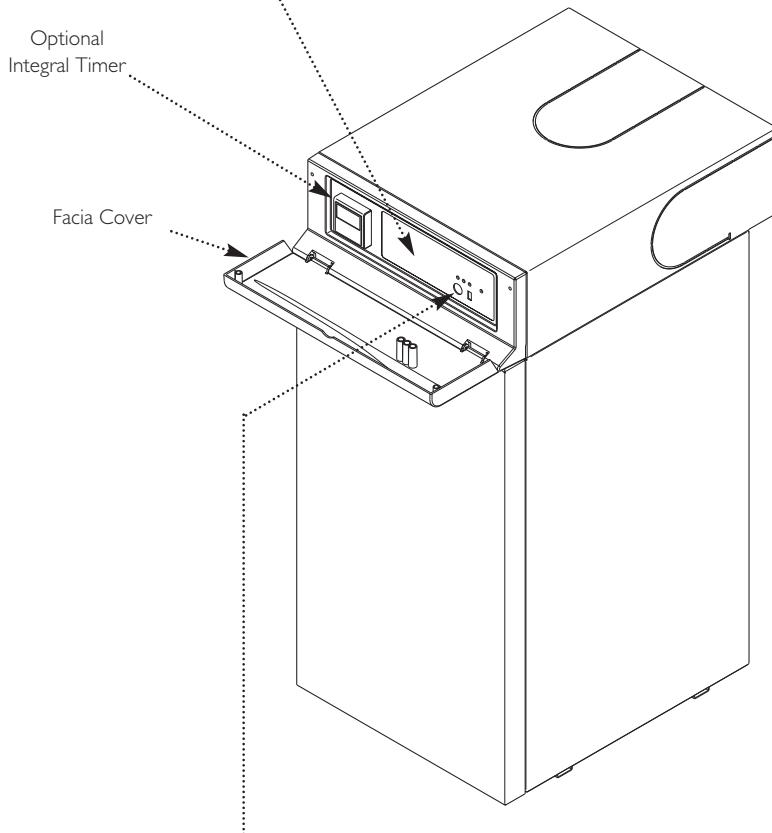


Fig. 1

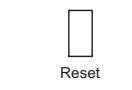
	Central Heating Control Knob (No OFF Position)	Turn the Central Heating Control Knob clockwise to increase or anticlockwise to decrease the boiler flow temperature.
	Reset Button	The Reset Button should extinguish the Flame Failure Light and restore normal operation.
	Mains On (Green Light)	This indicates that there is electricity to the Boiler.
	Burner On (Green Light)	This indicates that the Burner has fired up and is heating your system.
	Flame Failure (Red Light)	If Flame Failure Light is ON press the Reset Button. If Flame Failure occurs persistently consult your Installer or Service Engineer.

Fig. 2 Key to Controls

1.0 Operating the Boiler

1.1 Operating the Boiler

1. Hinge down the facia cover (Fig. 1).
2. Turn on the main gas and electricity supplies to the boiler. The Mains On light (Q) will illuminate green (Figs. 1 & 2).
3. Set the central heating control knob to the required setting (Fig. 1). (The optimum boiler setting depends upon type of system, external controls and your requirements. Your installer will be able to advise you on this matter.)
4. When the system control(s) call for heat the fan will start to run and after a short period the ignition spark will commence. Sparking will continue until the flame is established then stop automatically. Check that both the Mains ON light (Q) and Boiler ON light (P) are illuminated green (Figs. 1 & 2).
5. The boiler can be switched off by turning all external controls or the optional integral timer Heating and Hot Water settings to OFF.

1.2 To shut down the Boiler

1. Turn off the electricity supply to the boiler at the system isolation switch and turn off all external controls.
2. Your installer should have demonstrated how to shut down the boiler - if not he will be able to advise you.

1.3 Frost Protection

1. The boiler has integral frost protection. It is recommended that the installer fits a suitable device to also protect the system if required. **The boiler must be turned ON at the system isolation switch for frost protection.**

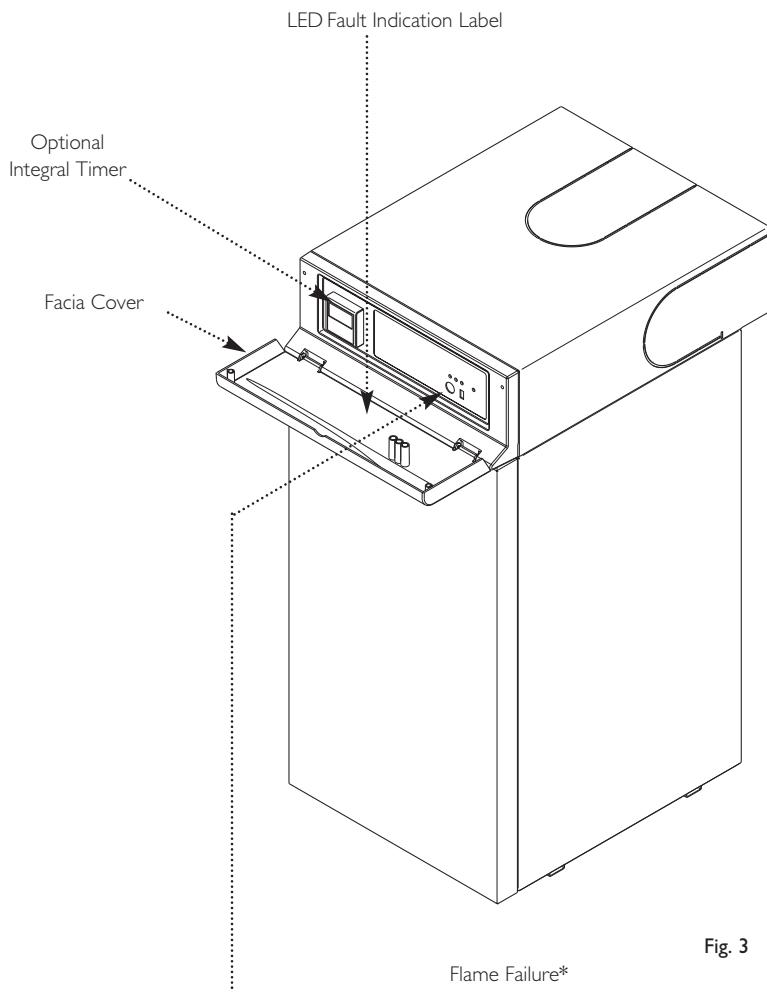
1.4 In Operation

1. The Promax FSB 30 HE is a high efficiency "condensing boiler". In common with other condensing boilers its exceptional efficiency means the flue gases are cooled to such an extent that a plume of water vapour is often visible at the outside flue terminal. The amount produced depends on system design, product use and outside air temperature but it is not harmful to the individual or the working of the boiler in any way.
2. The boiler incorporates a condensate pump which may operate at any time, for up to 30 seconds, even when the boiler is not running.

1.5 In the Event of a Gas Leak

1. If a gas leak occurs or is suspected, turn off the gas supply at the meter control.
2. Do not operate electric light or power switches, either off or on and ventilate the property.
3. Contact your gas supplier.

2.0 Safety Devices



2.1 Operation of Safety Devices

1. Your Promax FSB 30 HE is fitted with safety devices which shut down the appliance if:

- a) the system or boiler overheats.
- b) the condensate drain is blocked.
- c) there is no gas to the boiler.

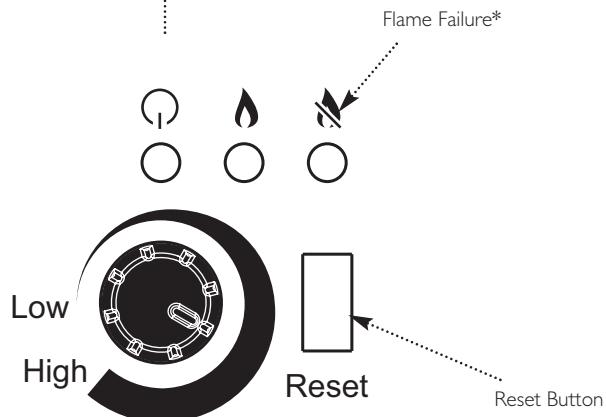
2. The Flame Failure light () will be either flashing or permanently illuminated and the boiler will need resetting (Fig. 3).

NOTE: In the case of persistent Flame Failure, shut down the boiler (see Section 1.2) and consult your Installer as an appliance or system fault is indicated.

2.2 Resetting

1. Allow the boiler to cool if hot.
2. Hinge down the facia cover.
3. Press the Reset Button (Fig. 3).
4. If the boiler will not reset see the LED Fault Indication Label on the inside of the facia cover.
5. Further fault finding is described in Section 5.1 'Check List.'

Fig. 3



*Flame Failure - Red Light

If the Flame Failure Light is ON press the Reset Button. If Flame Failure occurs persistently consult your Installer

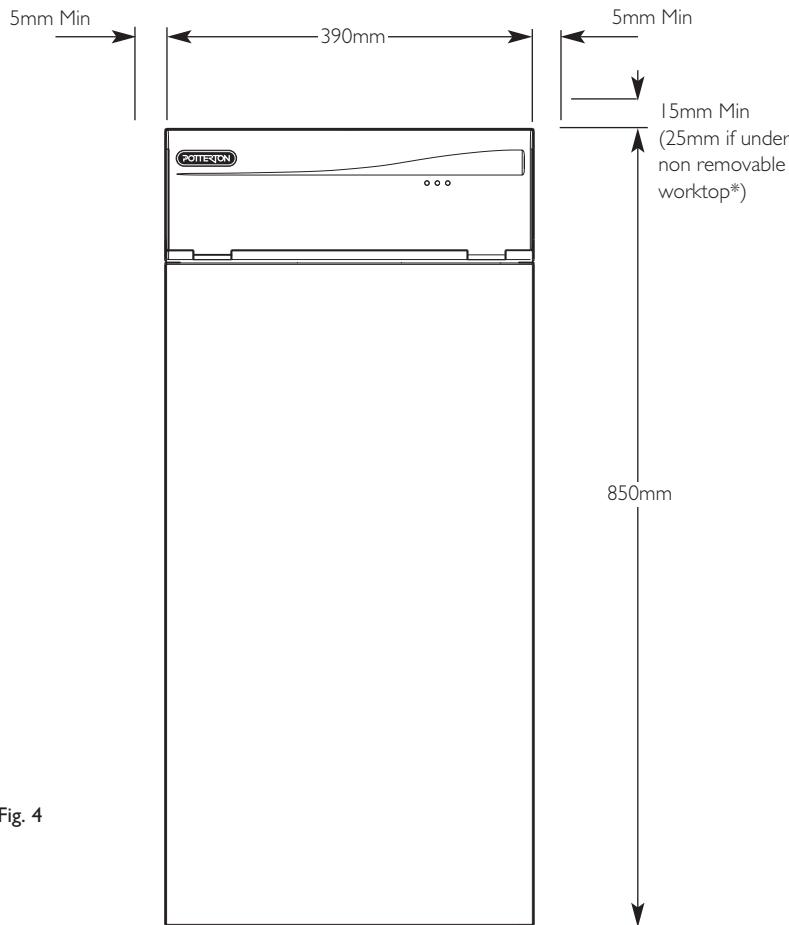


Fig. 4

3.0 Installation & General Operation

3.1 Installation & General Operation

Installation of the boiler should only be carried out by a CORGI Registered Installer or other Competent Person

1. Any modification that may interfere with the normal operation of the boiler without express written permission from the manufacturer or his agent could invalidate the boiler warranty. In GB this could also infringe the Gas Safety (Installation and Use) Regulations.

2. Do not interfere with any sealed components on this boiler, or operate it without the casing panels correctly fitted.

3. Take note of any warning labels on your boiler.

4. Your boiler should have the following minimum clearances for Safety and Maintenance (Figs. 4 & 5):-

Top	- 15mm
Sides	- 5mm
Front	- 5mm (In Operation) - 500mm (For Servicing)

* It is recommended that any worktop is removable for servicing access.

5. If your boiler is installed in a compartment, do not use it for storage purposes.

6. Flammable materials must not be stored in close proximity to your boiler.

7. Avoid skin contact when your boiler is in operation, as some surfaces may get hot e.g. pipework.

8. Ensure that the flue terminal, outside the house, does not become damaged or obstructed, particularly by foliage.

9. It is important that the condensate drain system is not blocked, modified or damaged in any way as this would affect the operation of your boiler. Your installer should have insulated any part of the condensate drain that is fitted externally.

10. A condensate disposal pipe runs from your boiler carrying fluid to a drain. This pipe is plastic and should not be subjected to sources of heat and must also be protected against potential damage.

3.2 Cleaning the Outercase

The painted panels should be wiped with a damp cloth and then dried completely. **DO NOT USE ABRASIVE CLEANING AGENTS.**

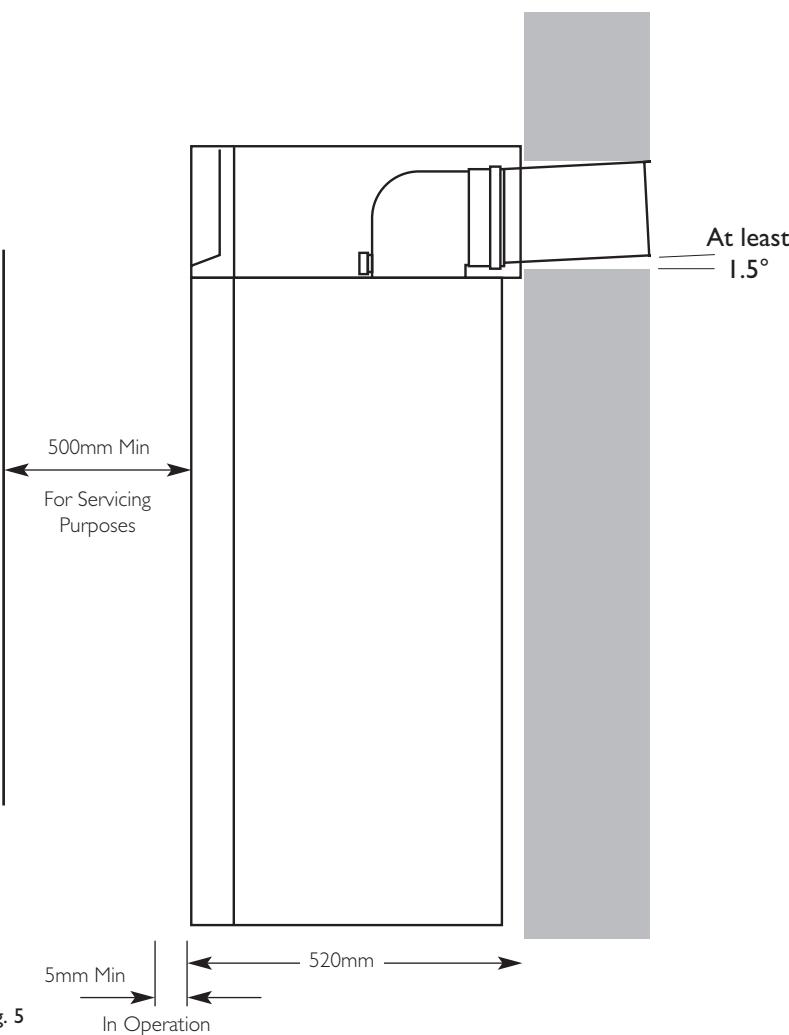


Fig. 5

4.0 Legislation

4.1 Installation, Commissioning, Service & Repair

1. This appliance must be installed in accordance with the manufacturer's instructions and the regulations in force. Read the instructions fully before installing or using the appliance.

2. In GB, this must be carried out by a competent person as stated in the Gas Safety (Installation & Use) Regulations.

3. **Definition of competence:** A person who works for a CORGI registered company and holding current certificates in the relevant ACS modules, is deemed competent.

4. IN IE (Eire), this must be carried out by a competent person as stated in IS. 813 "Domestic Gas Installations".

Lifting - This product should be lifted and handled by two people. Stooping should be avoided and protective equipment worn where necessary. Carrying & lifting equipment should be used as required, e.g. when installing in a loft space.

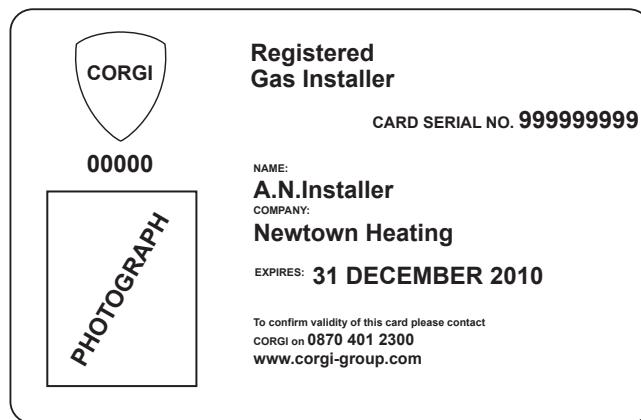


Fig. 6 CORGI Registration Card

All CORGI registered installers carry a CORGI identification card (see Fig. 6) and have a registration number. You can check your installer is registered by telephoning 0870 401 2300 or writing to:-

I Elmwood,
Chineham Business Park,
Crockford Lane,
Basingstoke. RG24 8WG.

or check online at www.corgi-gas-safety.com

The boiler meets the requirements of Statutory Instrument "The Boiler (Efficiency) Regulations 1993 No 3083" and is deemed to meet the requirements of Directive 92/42/EEC on the energy efficiency requirements for new hot water boilers fired with liquid or gaseous fuels:-

Type test for purpose of Regulation 5 certified by:
Notified Body 0087.

Product/Production certified by:
Notified Body 0086.
Ref: 86-BL-647

For GB/IE only.

4.2 Benchmark Commissioning Checklist

1. Please ensure that your installer hands you the boiler Installation & Service Instructions with the "Benchmark Commissioning Checklist" sections completed. The details in the Checklist will be required in the event of any warranty work. Keep the instructions in a safe place and ensure that the Service Interval Record at the back is completed at each service visit.

5.0 Fault Finding

5.1 Check List

In the unlikely event you have a problem with your boiler please check the following.

1. Is the electricity supply to your boiler switched on ?
If so the Green 'Mains On' () light will be lit.

2. Is the Red flame failure light () lit?
Yes - Reset as described in section 2.2.
No - Continue below

3. Is the gas supply turned on?

4. Is the programmer or timer switch set to On? Refer to the instruction booklet supplied with these items for correct setting and operation.

5. Is the temperature control on the boiler set high enough?

6. Are all system controls such as room and cylinder thermostats set high enough?

7. Are the thermostatic radiator valves set high enough?

Contact your Installer

If you have followed the steps in this simple checklist but your boiler still does not operate contact your installer. Any repairs to the boiler will usually be the responsibility of the Installer during the warranty period.

Installer Help-line

Should your installer need assistance he/she can contact our trade support help-line for diagnostic and remedy advice.

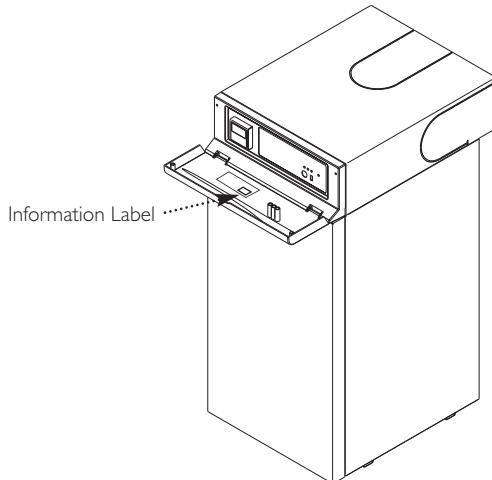
Please complete the boxes below

Serial Number

Date of Installation

D D M M Y Y

Installer Details (name, address and contact number(s))



All descriptions and illustrations provided in this leaflet have been carefully prepared but we reserve the right to make changes and improvements in our products which may affect the accuracy of the information contained in this leaflet. All goods are sold subject to our standard Conditions of Sale which are available on request.

POTTERTON

A Trading Division of Baxi Heating UK Ltd (3879156)

A division of Baxi Group

Brooks House, Coventry Road, Warwick. CV34 4LL

After Sales Service 0844 871 1560 Technical Enquiries 0844 871 1555

Website www.potterton.co.uk

e&oe

A BAXI GROUP company

6.0 Warranty & Service

Standard Warranty Term & Conditions

12 Months Free Warranty - register today

To receive your 12 months free warranty please complete the form supplied with the boiler or simply call **heateam**, the service of Baxi Heating UK Ltd on **08706 000 653**.

Our promise to you

If you experience a fault with your new boiler, we aim to provide a safe and high quality repair service supported by our dedicated national network of highly skilled engineers. If your installer can't resolve the problem for you, we will do everything we can to get an engineer out to you as quickly as possible. Nothing in this warranty will affect your statutory consumer rights.

What you need to do if you experience a problem with your heating system or the operation of the boiler

You should always contact your installer first, because the fault may not be related to the boiler. If your installer confirms that the fault is within the boiler it self and he/she can't repair it, our friendly customer service team is on hand to help. Simply call our service division **heateam** on **0844 871 1560** to book an engineer visit or for any general advice that you may need. Our contact centre is open Monday to Friday 8am - 6pm, weekends and Bank Holidays 8.30am - 2pm, excluding Christmas Day and New Years Day.

When calling **heateam** it would be helpful if you could have the following information to hand:-

- 1 Boiler serial number (see opposite).
- 2 Boiler make and model number.
- 3 Your installer name and address details.
- 4 Proof of purchase (if you do not have the boiler serial number).

What this warranty covers

Free of charge repair or replacement of components found to be faulty from manufacture.

Free of charge replacement of the complete unit provided always that the failure is related to a manufacturing fault that cannot be repaired or is uneconomic to repair.

The warranty runs for 12 months from the date your product is installed.

What this warranty does not cover

Repairs to boilers which haven't been installed and commissioned properly, and as set out in the installation instructions (this includes the need to flush the system effectively and add a suitable corrosion inhibitor).

Any damage caused by hard water scale deposits and/or aggressive water resulting from corrosion.

Any other defects or failures, either in the connected heating system or outside of the boiler itself.

Faults caused by inadequate supply of electricity, gas or water to the property.

Installations within commercial settings for which this boiler was not designed.

Reimbursement of any third party repair or replacement costs that we haven't been told about or agreed with you in advance.

Compensation for consequential losses (e.g. loss of earnings, business losses, stress and inconvenience) arising from a production breakdown, including repair delays caused by factors outside our reasonable control.

Annual Service

To ensure you receive the maximum efficiency from your boiler we recommend your boiler has an annual service so you and your family can continue to enjoy heating and hot water comfort. To arrange an annual service from one of our Baxi Heating UK Ltd heating experts, please call to arrange a visit convenient to you.